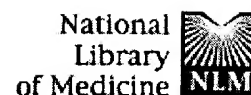


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- (71) Applicant (for all designated States except US): **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta, Kalamazoo, MI 49001 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BENSON, Timothy, E.** [US/US]; 2690 Timberleaf Lane, Kalamazoo, MI 49006 (US). **PRINCE, Donald, Bryan** [US/US]; 412 North Riverview Drive, Parchment, MI 49004 (US).
- (74) Agent: **SANDBERG, Victoria, A.**; Muetting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).
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(54) Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF FEMA AND/OR FEMA-LIKE PROTEINS

(57) Abstract: The x-ray crystal structure of FemA and/or FemA-like proteins is useful for solving the structure of other molecules or molecular complexes, and identifying and/or designing modifiers of FemA activity.

INTERNATIONAL SEARCH REPORT

International Application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/31 G06F17/50 G01N33/68

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B. FIELDS SEARCHED

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IPC 7 C07K G06F G01N

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	BERGER-BÄCHI ET AL: "FemA, A HOST MEDIATED FACTOR ESSENTIAL FOR METHICILLIN RESISTANCE IN STAPHYLOCOCCUS AUREUS: MOLECULAR CLONING AND CHARACTERIZATION" MOLECULAR AND GENERAL GENETICS, SPRINGER VERLAG, BERLIN, DE, vol. 219, 1989, pages 263-269, XP002081494 ISSN: 0026-8925	1-6
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Date of the actual completion of the international search

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Van der Schaal, C

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International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE SWISSPROT 'Online! 1 November 1999 (1999-11-01) VANNUFFEL P ET AL: "Cloning and characterization of femA genes from Staphylococci species" Database accession no. Q9X6S9 XP002228804	1-6
Y	abstract	19-44, 51-55
X	----- TSCHERSKE M ET AL: "IDENTIFICATION OF THREE ADDITIONAL FEM AB-LIKE OPEN READING FRAMES IN STAPHYLOCOCCUS AUREUS" FEMS MICROBIOLOGY LETTERS, AMSTERDAM, NL, vol. 171, 1999, pages 97-102, XP000852842 ISSN: 0378-1097	1-6
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X	----- SUGAI MOTOYUKI ET AL: "Identification and molecular characterization of a gene homologous to epr (endopeptidase resistance gene) in Staphylococcus aureus." GENE (AMSTERDAM), vol. 224, no. 1-2, 11 December 1998 (1998-12-11), pages 67-75, XP002228797 ISSN: 0378-1119	1-6
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X	----- DATABASE SWISSPROT 'Online! 1 May 2000 (2000-05-01) HOSKINS J ET AL: "Cloning and characterization of femA and femB from Staphylococcus epidermidis and Staphylococcus haemolyticus" Database accession no. Q9S6V4 XP002228802	1-6
Y	abstract	19-44, 51-55
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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 47639 A (LUDWIG INST CANCER RES ;SIMPSON ANDREW J G (BR); HUMAN GENOME SCIE) 23 September 1999 (1999-09-23)	1-6
Y	the whole document especially SEQ 1 and 2	19-44, 51-55
X	EP 0 625 575 A (LILLY CO ELI) 23 November 1994 (1994-11-23)	1-6
Y	the whole document	19-44, 51-55
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